

## **AMENDMENTS TO THE SPECIFICATION**

A. Please replace Paragraph [0027] with the following paragraph rewritten in amendment format:

**[0027]** The plastic resin 44, molded to create the hermetic seal 46, must possess the appropriate electrical and mechanical properties that are required for the application and operating environment in which the hermetic terminal assembly will be utilized. Typical minimum engineering material requirements may include:

<b>Physical Property</b>	<b>Requirement</b>
Hydrostatic Pressure	2250 psi
Hermeticity	$1 \times 10^{-7}$ <u>atm</u> cc/sec He
Dielectric Voltage	Minimum 2500 V with < 0.5mA leakage
Insulation Resistance	>10,000 MΩ at 500 Vdc
Operating Temperature	150 °F to 300 °F
Operating Environment	Mineral oil or refrigerant

B. Please replace Paragraph [0043] with the following paragraph rewritten in amendment format:

**[0043]** The properties of the seal 46''' have been tested experimentally. A summary of representative tests conditions and corresponding results follows:

Physical Property	Typical Measurement
Pressure Test	5600+/- 500 psi
Hermeticity	1x10 <sup>-7</sup> atm cc/sec <u>He</u>
Maximum Voltage	4700 V
Insulation Resistance	>10,000 MΩ
Heat Shock	371 °C
Thermal cycling	120°C to -25°C for one week
Cryogenic test	-65°C five cycles